

[A Conduit Having a Cable Therein]

Abstract

A method of suspending an electric submersible pumping system within a wellbore includes inserting an electric cable within a conduit, such as coiled tubing, before the conduit is deployed downhole. The electric cable is inserted into the conduit at the surface and is permitted to buckle in a manner so that the electric cable buckles and uniformly contacts an interior surface of the conduit at a plurality of locations along the entire length of coiled tubing to prevent longitudinal movement of the electric cable within the conduit. An electric submersible pumping system is then connected to the conduit, and the electric cable is connected to an electric motor of the electric submersible pumping system. The electric submersible pumping system and the conduit are inserted into the wellbore.